

SAAHITI ANNAMNEEDI

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SKILLS SUMMARY

Languages

Java
Python
Ruby
C++
JavaScript

Web Development

Node.js + Express
Ruby on Rails
HTML
CSS
React.js
MongoDB
PostgreSQL

Tools

Git
Bash, Powershell
Teamcity, Rundeck
Docker
Chef

Excellent grasp of data structures and algorithms
Learning enthusiast and problem-solver
Remarkably adaptable to fast-paced environments

Relevant Courses

Algorithms & Data Structures
Compilers
Machine Learning (Coursera)
Engineering Design with Embedded Systems

Activities & Interests

EngHack 2017
Rock Climbing
Intramural Dodgeball
Badminton
Historical Fiction, Fantasy

Education

University of Waterloo
Computer Engineering – Honours

WORK EXPERIENCE

TribalScale

Full Stack Engineer | Jan-Apr 2017

- Developed the backend for an iOS surveying app – including authentication, management of multimedia content on AWS, custom report generation and a **RESTful API** using the Node.js, Express and MongoDB stack
- Created an **NPM package** to facilitate integration of analytics solutions such as Google Analytics, Segment and Mixpanel into any **Alexa skill**
- Implemented deep-linking push notifications and features of the video player for ABC News' Android app with over **1M installs**
- Refactored internal React dashboard from using Flux to Redux

Oracle

Software Developer – DevOps | May-Aug 2016

- Worked cross-team to maintain a continuous delivery pipeline – used tools such as Teamcity, Rundeck to manage build configurations, deploy hotfixes and monitor infrastructure
- Reduced run-time of biweekly maintenance tasks on remote-servers from hours to a few **minutes** – using Bash and Powershell scripts interacting with Chef, Sensu, Grafana and Selenium
- Developed features of the team's internal **Ruby API** and resource allocation dashboard to provision, repurpose and bulkimage VMs

N8 Identity

Java Developer | Sep-Dec 2015

- Worked on Employee Lifecycle Manager®, an identity & access management SaaS
- Implemented new features and bug-fixes to website and backend libraries using Spring Framework
- Designed and executed multi-threaded testing system to verify existing software, created **30,000+** JUnit tests and reduced test build time by **60%**
- Wrote SQL scripts to fix regressions in database
- Used web technologies such as PrimeFaces, Facelets, AJAX

PROJECTS

🔗 **Machine Learning** – ml101, an exploratory app in machine learning that leverages Python's pandas, numpy and scikit-learn libraries to perform supervised learning on data from the Human Development Report 2015

🔗 **PoliticalMeter** – A Node.js web app that uses machine learning APIs to analyze the personalities of US presidential candidates, built at QHacks 2016

🔗 **SudokuSolver** – Generates interactive Sudoku puzzles of varying difficulty levels for user, can solve any valid puzzle, written in Java